

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A  
PROGRAMMABLE PIXEL PROCESSING MODEL WITH  
INSTRUCTION SET

**ABSTRACT**

A system, method and computer program product are provided for programmable pixel processing in a computer graphics pipeline. Initially, pixel data is received from a source buffer. Thereafter, programmable operations are performed on the pixel data in order to generate output. The operations are programmable in that a user may utilize instructions from a predetermined instruction set for generating the same. Such output is stored in a register.